OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
5	25962		
5	103848		
	168753		
	25962		
	2596		
	31345		
	358466=00		

SBAdo - 89/15-16
dt: 29-6-15

BR - 98/29-6-15

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260813

Serial No. 2nd and final Bill

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency ..... T. Gopinath Reddy Contractor.

Date of commencement of work ..... D.O. Record:- 29/06/2015

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name of Work :- Constructn of 1st floor Library building in Ward no. 09 (Change of place to Construction of Library building at Hmt Layout 1st Block in Ward no. 09 of Kukatpally Rly Division (phase-1)						
	Estimated cost Rs. 20.00 Lakhs.						
	JOB. NO = 009-14-000054						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work order No : EE/BTP/BDMP/F-PMT/193/ dt. 08-01-2015					193	2014-15
(1)	Providing and laying in position reinforced cement concrete of design mix M-20 with OPC cement @ 320 kgs per cum with 20mm nominal down size graded granite metal coarse aggregate @ 0.878 cum and fine aggregate @ 0.459 cum with superplasticizer @ 1% confirming to IS-9103-1999 as amended 2008, machine mixed, concrete laid in layers						

M. A.
Me

Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	not exceeding 150mm thic in foundation plinth and G staircase, lintels, refe (any thickness) including piers, abutments, pilla string or lacing courses block, anchor block, pl etc including cost

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
DMP/	F-PMT/193/	193/2014-15	
Dt-	08-01-2015		
rs/fine/	Cement		
with	ore cmt e		
size	graded grave		
878	m³ of fine		
upon	plain/sire e		
	1993 rca/formed		
rete	laid in layers		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

260814

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	not exceeding 150mm thick, Vibrated for all works in foundations plinth and G.F level for Roof slabs, staircase, lintels, retaining walls, retaining Walls, walls (any thickness) including attached plasters, columns Piers, abutments, pillars, posts, struts, buttresses string or lacing courses, parapets, copings bed blocks, anchor blocks, plain window sills, fillets etc including Curing all materials, labour charges						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	machinery carry complete as per specifications and directions of Engineer-in-charge of work.						
	a) Roof Beams	2×2	24.65	0.30	0.40	~~6.66~~ 13.35	
		1×2	15.70	0.30	0.40	~~6.36~~ 10.46	
	Verandah & CROSSING	1×1	10.30	0.30	0.45	1.39	
		1×1	10.40	0.30	0.40	1.25	
		3×1	4.35	0.30	0.40	1.56	
	b) Lintel	1×1	10.30	0.20	0.20	3.24	
		1×1	15.50	0.20	0.15	0.47	
		1×1	6.60	0.20	0.20	0.26	
		2×1	4.45	0.20	0.20	0.36	
		1×1	1.30	0.20	0.20	0.05	

C&FC.

2/6

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	(1) Staircase
	Landing Step
	(2) Roof slab
	Cost of column height Lintel column
	Light Beam

IT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
per Specifications			
charge of work.			
0.30	0.45	~~6.65~~ 13.34	
0.30	0.45	~~6.36~~ 10.46	C&FC. 29/6
0.30	0.45	1.38	
0.30	0.40	1.29	
0.30	0.45	1.55	
0.20	0.20	3.24	
0.20	0.15	0.47	
0.20	0.20	0.26	
0.20	0.20	0.36	
0.20	0.20	0.05	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260815

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	R. staircase	2×1	2.40	1.35	0.15	0.94	
		1×1	2.10	1.35	0.15	0.41	
	Landing Steps	2×1	1.35	1.35	0.15	0.51	C&FC 29/6
		20	1.35	0.35	0.08	0.62	
		15	1.35	0.60	0.35	0.23	
	Rd Roof slab	1	24.65	15.90	0.15	58.79	
		1	5.15	1.25	0.15	0.96	
		1	6.80	4.85	0.15	4.98	
	Extra: column height Inside column	4×1	1.20	1.20	0.45	2.59	
		4×1	0.15	0.35	4.20	0.76	
	Light Beam	1×1	6.40	0.15	0.35	0.27	

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Total qty		103.364	C&FC
				Ltd to schedule qty		103.04 T	
						C564 MT	57,024.00
2)	Providg TMT-Steel reinforcement for RCC Works including straightg, cuttg, bendg, hookg placg in position, lappg & Weldg wherever Required, tyig with bindg wire and anchorg to the adjoinig members wherever necessary complete as per design Caps, Hooks and Wastage shall not be ~~counted~~ measured and paid] costg materials, labour, Hamg machinery, TMT bars fe SSD etc complete as per specifications and directions of Engineer-in-charge of Work.						

Serial No. .....
Name of Work ..... F
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	cft Formwork	
3)	Providg and removg centrg, and removal of formwork of Columns, for main concrete Labour etc complete as per Engineer-in-charge of Work "for Columns"	

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
Dtal qty		103.360	C&FC
Schedule qty		103.04 m³	
		@5600/m³	57,024.00
ete work including			
n position, lapping			
binding wire and			
rever necessary			
Wastage shall not			
of materials, labour,			
te complete as per			
Sr. Engr. in charge of Work.			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260816

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cafe Survey		Qty as del	this MB p		123.60 Qty	
			p. no. 260881	st no. (1)		@7500/Qty.	9,27,375.00
3)	Providing and removing centering, shuttering, struts, propping etc and removal of form work for foundations of footing, base of columns, for main concrete including costs of all materials, labour all complete as per specifications and directions of Engineer-in-charge of Work.						
	"for columns"		Qty as del	this MB p		260876	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			## no	(5)	-	224.45 m² @ 280/m²	62846.-
4)	Providg and removg, centrg, shuttrg, strutg, propg etc and removal of formwork for ords and dadts of beams, beam hanchngs, cantilever girders, brssumers, and lintels not exceedg 1m. in depth including costg all material, labour etc complete as per specifications and direction of Engineer-in-charge of work.						
			Qty vide this MB p.no. 26877 ## no	(6)		= 360.144 m²	90035.-
	cctp Engineer for-Beams					@ 250/m²	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
5)	Providg and removg etc and removal of fo an suspended floors, thickness upto 200mm etc complete as per d in-charge of work. for - Roof slab

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
) -	224.45m² @ 280/m²		62846.00

strutting, propping etc
ls and soffits of
girders, bressumers,
ns including cost of
as per specifications
of work.

e this MB
877 Item no ⑥ = 360.144m² @ 250/m² — 90035.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260817

Serial No. ....
Name of Work .... From.................................... To....................................
Name of Contractor of nature of Agency ....
Date of commencement of work ....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	Providing and removing centering, shuttering, strutting, propping etc and removal of form work for flat surfaces such as suspended floors, Roofs, landings, balconies and tiles thickness upto 200mm including cost of all materials labour etc complete as per specifications and directions of Engineer in-charge of work.						
	for - Roof slabs	Qty vide this MB p. 260878 Item no ⑦ =				489.63m² @ 330/m²	161578.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6)	Providg and removg, centrg, shuttg, propping etc for chajja, corbels etc includg edges including costly all material, labour all complete as per specification and directions of Engineer-in-charge of work.						
						Qty vide this MB p 260878	
						Item (8) = 1.80 x 2 (2 2 0 / 2	486.00
7)	Providg 12mm thick cement plaster in single coat with cement mortar 1:4 to stone masonry including rounding off corners wherever required smooth rendering: providg and removg staging, including costing material,						

Serial No. .....
Name of Work ..... Fr
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	labour, cuttg etc complete	
	directions of Enginee - In. C	
	for ceiling Hall	1
	Room	1
	Rooms	2
	cete Toilet	2
	Verandah	1
	=	
	Beam Sides	2 x 2

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
), pointing etc complete			
d including coolies			
as per specifications			
of work.			
this MB p 260878			
⑧ = 1.80 x 2 @ 270/2			486.00
in single coat with			
gs including rounding			
mouth rounding:			
ding coolies materials			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260818

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Labour, cutting etc complete as per specifications directions of Engineer-In-Charge of work.						
	for ceiling Hall	1	17.50	15.50	-	271.25	
	Room	1	10.10	6.60	-	66.66	
	Rooms	2	4.40	2.50	-	22.20	
	Toilet	2	2.15	1.35	-	5.59	
	cafe Varandah	1	6.80	4.85	-	32.98	
	shunnel =	1	5.10	1.25	-	6.37	
	Beam sides	2x2	15.50	0.40	-	24.80	
						429.90	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Ltd to 422.28 m² @ 200/-	
8)	Providg. 20mm thick cement mortar 1:4 to sft corners wherever and removg of scaffolding, including costg, material, labour, carrying etc complete as per specifications & full directions of Engineer-in-charge of work.	Cement plaster in single coat work Stone masonry including rounding required smooth rubbing providg					
	Deduct Wall Hay	2	14.50	-	3.15	110.25	
		2 x 2	15.50	-	3.15	195.30	
		2	6.90	-	3.15	43.47	
		2	6.60	-	3.15	41.58	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Rooms
	Toilets
	Lift Room
	Deducting - Door
	b_1
	b_2
	b_3
	W

T BOOK

sions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
dtn		422.28 m² @ 200/-	
is single coat Wh			
g including roundy			
mouth washing, provide			
costing, materials, labour,			
etime until directions			
-	3.15	110.25	
-	3.15	195.30	
-	3.15	43.47	
-	3.15	41.58	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260819

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Rooms	4	4.45	-	3.15	56.07	
	Toilets	3	1.30	-	3.15	12.29	
	Lift Room	2	2.70	-	3.15	13.23	
		2	1.80	-	3.15	11.34	
						483.53	
	Deducting - Door	1 a 1/2	1.50	2.40	-	1.58	
	b1	1 a 1/2	1.20	2.10	-	1.26	
	b2	2	0.90	2.10	-	3.78	
	b3	3	0.70	2.10	-	4.72	
	W	27 a 1/2	1.80	1.50	-	36.45	
		1 a 1/2	1.25	1.50	-	0.94	
						48.73	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	cost Summary		Net qty = 483.53 − 48.73 m²				
			= 434.80 m² (4+5)				8930
						434.80 m² @ 223/m²	
(9)	Providing line readey for plastering to Wall ceiling, including cooley material, Labour, curing complete as per specifications.						
			Qty as per IS No (7+8)				
			= (422.28 + 400.49)			= 822.77 m²	1801.00
						@ 22/m²	
10)	Providing 12 mm thick cement plaster in single coat with cm 1:6 to bring masonry including		Rounding off			corners	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	Wherever required deno	
	Scaffolding, including cost	
	complete as per specifi	
	charge of work	
	outside	
	deduct b	1

BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
483.53 – 48.33 m²			
434.80 m² (Ans)			8930
400.49 m² @ 223/m²			
to Wall ceiling, in-			
ning complete as			
per ID no (7+8)			1801.00
28+400.49] = 822.77 m²			
@ 22/m²			
in single coat White			
Rounding off	corners		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260820

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Wherever required smooth Rendering, providing and removing Scafolding, including cost of materials labour, curing etc complete as per specifications and directions of Engineer in charge of work						
	outside	2	24.60	–	4.20	207.06	
		2	15.90	–	4.20	133.56	
		1	4.90	–	3.00	14.70	
		1	10.45	–	3.00	31.35	
						386.52 m²	
	deduct D	1 × 1/2	7.500	–	2.10	2.10 m²	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	D_1	$1 \times \frac{1}{2}$	1.20	–	2.10	1.26	
	W	$2 \times 1 \times \frac{1}{2}$	1.50	–	1.80	36.45	
	W_1	$1 \times 1 \times \frac{1}{2}$	1.25	–	1.50	0.94	
						40.75 m²	
			Net qty. 385.52 –			40.75	
			= 345.77 m²				
			Ltd to 339.57 m² @ 190/m²				64518.00
						Total Rs	20,71,602.00

cfte
Surveyed 24/06.

Certificate:
(1) certified that the Contractor worked the same satisfactorily.

Surveyed 24/06

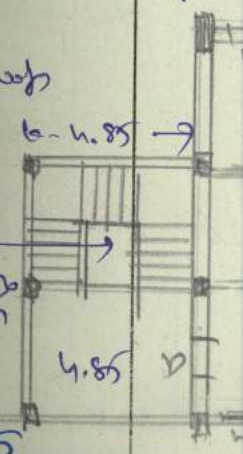
Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

M. A
M

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	(2) The Contractor removed the	

note: RCC Beam/Roof slab and Making Work only Upto Roof.



24/06

T BOOK

Dimensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
	–	2.10	1.26	
	–	1.80	36.45	
	–	1.50	0.99	
			40.75 m²	
hyt. 384.52 –			40.75	
= 345.77 m²				
Ld to			339.57 m² @ 190/-	64518.00
			Total Rs	20,71,602.-

or work done

24/06

Assistant Executive Engineer
Vidyaranyapura Sub Divisic
BBMP, Bangalore - 97

24/06

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260821

Serial No. .....
Name of Work ..... From ..... To .....
Name of Contractor of nature of Agency ..... LIBRARY BUILDING AT HMT 2ND BLOCK
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	② The Contractor removed the debris from Work site 26.05						
	Note: Rcc Beam/Roof slab and Plastering work only Upper Roof = 90.30 m²						
	6 – 4.85 →		17.50	15.50			
	4.85						
						6.6 – 10.37	
							2.0 × 4.45
							1.2 × 2.10

24/06

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 2035720 =00 ಗಳಿಗೆಕಾರು ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ. 272724 =00 ಹೊರಾಗಡೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು ರೂ. 1802996 =00 ಬೆಕ್ ಮುಯಾಂಕದ ನಿವ್ವಳಾಗಿದೆ ಲೆಕ್ಕಿಗರು					IT – 20357 – VAT – 83079 – ESI – 134922 LWF – 20757 – CSF – 2075 Roy – 10683 – FIN – 500 Total 2727214=00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2